

INTERNATIONAL SEARCH REPORT

International Application No
PCT/EP2004/010459

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 F16J15/34 F04D29/58 F04D29/12

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 F16J F04D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2 223 519 A (HANNS HORNSCHUCH) 3 December 1940 (1940-12-03) page 1, line 26 - page 2, line 12; figure 3	1-6
A	DE 641 288 C (IG FARBENINDUSTRIE AG) 26 January 1937 (1937-01-26) page 1, line 38 - page 2, line 9; figure 1	1-4
Y	WO 97/01053 A (AL HIMYARY THAIR J ; CARLSON JONATHAN D (CA); REVOLVE TECHNOLOGIES INC) 9 January 1997 (1997-01-09) page 1, line 12 - page 3, line 22; figure 1	1-6
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- *A* document defining the general state of the art which is not considered to be of particular relevance
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Date of the actual completion of the international search

2 December 2004

Date of mailing of the international search report

21/12/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	GB 1 162 103 A (WISSENSCHAFTLICH-TECHNISCHES ZENTRUM PUMPEN UND VERDICHTER) 20 August 1969 (1969-08-20) page 2, line 28 - line 57; figure 1 -----	1,6
A	US 3 746 350 A (MAYER E ET AL) 17 July 1973 (1973-07-17) column 3, line 33 - line 45; figure 3 -----	1

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/010459

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 2223519	A	03-12-1940	NONE	
DE 641288	C	26-01-1937	NONE	
WO 9701053	A	09-01-1997	AU 1192897 A CA 2196901 A1 WO 9701053 A1 US 6345954 B1	22-01-1997 09-01-1997 09-01-1997 12-02-2002
GB 1162103	A	20-08-1969	NONE	
US 3746350	A	17-07-1973	DE 1913397 A1 CH 489732 A FR 2037367 A5 GB 1282915 A	24-09-1970 30-04-1970 31-12-1970 26-07-1972